

Model Exam

1

1 Choose the correct answer:

- 1 The latest and most advanced version of a service or product is called technology.
a. assistive b. cutting-edge c. virtual
- 2 are groups of people or things that are connected to each other.
a. Networks b. Modems c. Routers
- 3 is a programming language used to create web pages.
a. HTML b. machine language c. Ring
- 4 combines the real world with a virtual world by adding images using computers.
a. Virtual reality b. Augmented reality c. Assistive technology
- 5 A is used to connect users to the internet.
a. switch b. server c. modem
- 6 Apple iOS is a/an software.
a. open-source b. closed-source c. both of them
- 7 Word prediction in smartphones is an example of
a. virtual reality b. augmented reality c. artificial intelligence
- 8 is the software that manages a computer's functions.
a. Programming languages b. Operating system c. Excel

2 Put (✓) or (X):

- 1 Artificial intelligence can imitate the sounds of people ()
- 2 AR is used to unlock your phone with facial recognition. ()
- 3 User experience is always positive. ()
- 4 The similarities between programming languages make them easy to learn. ()
- 5 Search engines are user-friendly, very fast, and often give many results. ()
- 6 Instructions to a computer are given in the form of code. ()
- 7 Closed-source software means the code can't be seen or changed by the public. ()

Model Exam

2

1 Choose the correct answer:

- 1 networks connect devices using Wi-Fi.
a. Wired b. Wireless c. Both of them
- 2 can imitate sounds when provided with the tone of voice of an actual human being.
a. Augmented reality b. Artificial intelligence c. Switches
- 3 To experience virtual reality, users often wear
a. 3D glasses b. VR headset c. AR headset
- 4 The computer learns by the available examples.
a. analyzing b. storing c. saving
- 5 Virtual assistants powered by enable disabled individuals to perform daily tasks like making calls and using their computers.
a. artificial intelligence b. augmented reality c. virtual reality
- 6 technology helps people of determination with tasks they find challenging.
a. Assistive b. Cutting-edge c. Virtual
- 7 is a database which includes all the items owned by a library.
a. EKB b. Digital library c. Library catalogs
- 8 Programming languages have evolved from a to high-level languages.
a. simple languages b. very high languages c. mild

2 Put (✓) or (X):

- 1 Switches are intelligent devices. ()
- 2 A modem sends data to a specific device on the network ()
- 3 When you search online, ensure that the results are accurate and credible . ()
- 4 Futuristic technologies can improve the lives of people of determination. ()
- 5 Credibility and accessibility are factors that affect user experiences. ()
- 6 The EKB is an inaccurate source of information. ()
- 7 You can limit your search to get up-to-date results from a database. ()

Model Exam

3

1 Choose the correct answer:

- 1 Wired networks connect devices using
 a. Wi-Fi b. wireless c. cables
- 2 is a simulated 3-D environment that allows users to explore and interact with the surroundings, as if it were reality.
 a. Virtual reality b. Artificial intelligence c. Assistive technology
- 3 The most popular operating system for computers worldwide is
 a. Android b. macOS c. Windows
- 4 Facial recognition is a feature used to unlock your phone using
 a. artificial intelligence b. virtual reality c. augmented reality
- 5 describe(s) how people interact with a product, and how they evaluate their experiences.
 a. Futuristic technology b. User experiences c. Virtual reality
- 6 You can use to search on the internet using keywords and phrases.
 a. search engines b. programing languages c. books
- 7 is an example of general database which covers many subjects.
 a. EKB b. Vlaby c. Google
- 8 is an open-source software for building robot applications.
 a. iOS b. ROS c. Android

2 Put (✓) or (X):

- 1 VR headsets block out the real world and provide views that immerse the user in another world. ()
- 2 Virtual reality allows you to explore museums thousands of miles away. ()
- 3 macOS is on most computers worldwide. ()
- 4 A database is a good place to search for information from journals and newspapers. ()
- 5 Both Android and iOS perform the same basic functions. ()
- 6 The operating system manages a computer's functions. ()
- 7 Both Android and iOS perform the same basic functions, such as web access, video chat, and touch function. ()

Model Exam

4

1 Choose the correct answer:

- 1 is a device that connects a local area network (LAN) to the internet.
 a. Artificial intelligence b. A modem c. A server
- 2 is the ability of the computer to think, learn and deduce.
 a. Virtual reality b. Augmented reality
 c. Artificial intelligence
- 3 software means a person can change and read the programming code.
 a. Open-source b. Closed-source c. Both of them
- 4 empower deaf people to translate their signs to spoken or text output.
 a. Hearing aids b. Smart glasses c. Smartgloves
- 5 Complicated and hard-to-use products result in user experiences.
 a. positive b. negative c. neutral
- 6 are collections of information which are typically stored in a computer system.
 a. Search results b. Databases c. Software
- 7 Apple computers run on
 a. Windows b. macOS c. Apple iOS

2 Put (✓) or (✗):

- 1 Wired networks use physical cables that are plugged into ports. ()
- 2 Virtual reality is a simulated 2-D environment that allows users to interact with the surroundings. ()
- 3 AR, VR, and AI are considered cutting-edge technologies. ()
- 4 HTML isn't compatible with all the major web browsers. ()
- 5 User experience describes how people use a product and evaluate their experiences. ()
- 6 Databases can be accessed for free, through your school. ()
- 7 All digital search tools give similar results. ()
- 8 Most computers come pre-loaded with an operating system. ()

Model Exam 5

1 Choose the correct answer:

- converts the signal from the internet service provider (ISP) into a digital signal.
a. Modem b. Router c. switch
- is an operating system used on the iPhone and iPad.
a. Android b. Apple iOS c. Linux
- refers to computer applications that perform complex tasks, simulating human thinking and behavior
a. Artificial intelligence b. Holograms c. Switches
- Visually impaired people can use to see their family members up close.
a. Artificial intelligence b. Augmented Reality c. hearing aids
- If the product is practical and meets customer needs, the user experience will be
a. Positive b. negative c. neutral
- EKB is a source of information
a. Credible b. unreliable c. biased
- Library catalog is a/an which includes all the items owned by a library.
a. Web browser b. database c. platform
- Android uses Software.
a. open-source b. closed-source c. both of them

2 Put (✓) or (x):

- 1 We can connect devices to a network without wiring. ()
- 2 Switch is a device that converts the signal from an ISP into a digital signal. ()
- 3 AR, VR, and AI are considered futuristic technologies even though they are already being used today. ()
- 4 Knowing the results that you need helps inform the search tools you could use. ()
- 5 Smart gloves are a type of assistive technology. ()
- 6 If the product is pleasant to look at and interact with, this makes the user experience negative. ()
- 7 Operating system runs a computer's software and hardware. ()

Answers

Model Exam 1

- 1 1 b 2 a 3 a 4 b
5 c 6 b 7 c 8 b
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- 2 1 ✓ 2 x 3 x 4 ✓
5 ✓ 6 ✓ 7 ✓

Model Exam 2

- 1 1 b 2 b 3 b 4 a
5 a 6 a 7 c 8 a
-
- 2 1 ✓ 2 x 3 ✓ 4 ✓
5 ✓ 6 x 7 ✓

Model Exam 3

- 1 1 c 2 a 3 c 4 a
5 b 6 a 7 a 8 b
-
- 2 1 ✓ 2 ✓ 3 x 4 ✓
5 ✓ 6 ✓ 7 ✓

Model Exam 4

- 1 1 b 2 c 3 a 4 c
5 b 6 b 7 b
-
- 2 1 ✓ 2 x 3 ✓ 4 x
5 ✓ 6 ✓ 7 x 8 ✓

Model Exam 5

- 1 1 a 2 b 3 a 4 b
5 a 6 a 7 b 8 a
-
- 2 1 ✓ 2 x 3 ✓ 4 ✓
5 ✓ 6 x 7 ✓